

Improvement of forage systems in support of the production of pdo parmigiano reggiano cheese "product of the mountain" in the valleys of the apennine

Riferimenti

Tipo di progetto

Gruppo Operativo

Acronimo

Latteria San Giorgio

Tematica

Gestione aziendale

Information

Time frame

2016 - 2019

Durata

36 months

Partners (no.)

7

Regione

Emilia-Romagna

Comparto

Zootecnia - bovini/bufalini

Localizzazione

ITH53 - Reggio nell'Emilia

Costo totale

€357.157,00

Fonte di finanziamento principale

Programma di sviluppo rurale

Programma di sviluppo rurale

2014IT06RDRP003: Italy - Rural Development

Programme (Regional) - Emilia Romagna

Parole chiave

Animal husbandry and welfare

Landscape /land management

Farming practice

Sito web

<http://latteriasangiorgio.crpa.it>

Project status

completed



Objectives

Improving the feed management of dairy cows for Parmigiano Reggiano farms associated in the Social Dairy San Giorgio, especially to get the most nutritional value from the forages included in the ration. This plan aims to support the production of milk for farms that have already embarked on a path of exploitation of their Parmigiano-Reggiano cheese Mountain product, but need to strengthen the segment upstream of the transformation, ie the agricultural and livestock production.

Results

The results obtained focused on improving forage (hay and fresh grasses) production and its good use in cow rationing, results obtained with a mix of technical / demonstrative interventions:

- list of varieties and ecotypes of most productive alfalfa and suitable for providing quality fodder in the pedoclimatic conditions of the cultivable areas of the Tassobio river area. In this regard, the aim is also to characterize ecotypes that have adapted and selected in the same areas.
- indications on the most productive alternative to Italian regrass in the climatic zone of the mountain, for the constitution of specialized herbaceous plants and / or to enrich the old medical practitioners of direct-seeding grasses, competitive with the spontaneous ones.
- Improvement of the self-supply of dry matter of the ration from the mountain area;
- the quality of the fodder produced and the programming of its use to maximize the digestibility of the ration and minimum the food cost.

The practical technical results were appreciated by the partners of the

Miglioramento dei sistemi foraggeri a sostegno della produzione di parmigiano reggiano a marchio “prodotto di montagna” nelle valli appenniniche dell’area del Tassobio

2/5

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operating group mainly related to a dairy factor and different expressions of interest arrived from the other farms of the district

Activities

- Cooperation and sharing of information, data and resources among the project participants needed to project activities;
- tests comparing varieties and ecotypes of alfalfa and wheat in feed improvement of forage production in the mountain climate area and its good use in rationing of cows;
- application of the innovations proposed in the company as a good management practices and agricultural engineering and efficiency of food ration for dairy cows;
- raise awareness and inform stakeholders through training and dissemination activities

Partenariato

Role	Azienda	Address	Telephone	E-mail
Leader	Latteria sociale San Giorgio	Via Cortogno Centro 20 42034 Casina RE Italy	0522 607100	info@parmigianoreggianosangiorgio.it
Partner	Azienda Agricola Il Ponte	Via Il Ponte 3 42034 Località Sarzano di Casina RE Italy		marcello.chiesi@pec.agritel.it
Partner	Azienda Agricola Nasi	Via Giandeto Chiese 3/3 42034 Località Giandeto di Casina RE Italy		elianasi94@gmail.com
Partner	Azienda Agricola Strada S.S.	Via La Strada 9 42034 Giandeto RE Italy		strada@cia.legalmail.it
Partner	C.R.P.A. S.p.A.	V.le Timavo 42/2 42121 Reggio Emilia RE Italy	0522 436999	info@crpa.it

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3/5

<https://www.innovarurale.it/pei-agri/gruppi-operativi/bancadati-go-pei/miglioramento-dei-sistemi-foraggeri-sostegno-della>

Role	Azienda	Address	Telephone	E-mail
Partner	Cooperativa Agricola Santa Lucia	Via Faieto 12 42034 Casina RE Italy	0522 607145	santalucia@cortogno191.it
Partner	Fondazione CRPA Studi Ricerche	Viale Timavo 43/2 42121 Reggio Emilia RE Italy	0522- 436999	info@fondazionecrpa.it

Pratiche abstract

Description

The plan for innovation concerns the transfer of knowledge from research and the development of good practice to improve forage production and its good use in rationing of cows, in particular:

- list of varieties and ecotypes of alfalfa more productive and capable of providing quality forage in the soil and climatic conditions of the Tassobbio area. The aim is to also characterize ecotypes adapted and selected in the same areas. A possible additional result could be a support to the strengthening of link between fodder and milk, then with the cheese, due to the use of one or more ecotypes of alfalfa "of Tassobbio valley";
- information on forage crops alternatives to ryegrass in the climate of the mountain range, for the establishment of specialized grasslands and / or to enrich the old alfalfa meadows with grass, competitive with spontaneous one;
- improving self-sufficiency of dry matter of the ration from the mountain;
- the quality of forage and the planning of their use in order to maximise the digestibility of the ration and its minimum feed cost;
- raise awareness and inform stakeholders through training and dissemination activities.

Results

The main activities carried out by OG "Latteria San Giorgio" was: cooperation; implementation for the actions: 1- Comparative test trials between: varieties and ecotypes of lucerne; forage by wheat and 2-Application of the innovations proposed in the dairy farms. The project also included an articulated Dissemination Plan and the training of the owners of the partner dairy farms through the "Coaching" tool envisaged by the Emilia-Romagna Region.

The project starting from the kick-off meeting was characterized by the active collaboration of the technical partners with the dairy farms of primary production that compose the OG.

The OG "Latteria San Giorgio" has developed a series of actions to support mountain hay production. Work has been done on:

- sowing on land due to limitation of soil tillage - preserves the soil carbon stock and widens the time window for sowing;
- alfalfa local ecotypes - assessed for longevity and biomass supplied in the mountains;
- introduction with seeding on forage of forage wheat and mixtures to increase and lengthen the unitary production.

A specific activity made it possible to understand the real nutritional value of hay when fed to the cows. The the OG "Latteria San Giorgio" received great and active participation from all partners, the results of the project were fully satisfactory; the success of the dissemination activity was confirmed by the interest aroused also by other dairy industries of the district has demonstrated the centrality of the issues treated, strategic for the development of Parmigiano Reggiano "Prodotto di Montagna". The Coaching activities carried out by the breeders were much appreciated and the technical information exchanges provided with a spirit of gratuitousness continue today.

Link utili

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4/5

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Titolo/Descrizione	Url	Tipologia
Progetto Latteria San Giorgio	http://latteriasangiorgio.crpa.it	Sito web
CRPA	http://www.crpa.it	Altro
GOI CRPA	http://goi.crpa.it	Altro
Latteria San Giorgio	http://www.parmigianoreggianosangiorgio.it	Altro
VIDEOCLIP del GOI Latteria San Giorgio	http://latteriasangiorgio.crpa.it/nqcontent.cfm?a_id=16333&tt=t_bt_app1_www	Materiali utili
Videoclip sui risultati del gruppo operativo	http://latteriasangiorgio.crpa.it/nqcontent.cfm?a_id=19045&tt=t_bt_app1_www	Materiali utili
Opuscolo risultati del progetto	http://latteriasangiorgio.crpa.it/nqcontent.cfm?a_id=18886&tt=t_bt_app1_www	Materiali utili
Visita guidata alle attività sperimentali in campo	http://latteriasangiorgio.crpa.it/nqcontent.cfm?a_id=17800&tt=t_bt_app1_www	Altro
Seminario Miglioramento dei sistemi foraggeri	http://latteriasangiorgio.crpa.it/nqcontent.cfm?a_id=16006&tt=t_bt_app1_www	Materiali utili
Articolo sulla rivista Professione Allevatore	http://latteriasangiorgio.crpa.it/nqcontent.cfm?a_id=18374&tt=t_bt_app1_www	Materiali utili
Articolo sulla Gazzetta di Reggio - 8 maggio 2019	http://latteriasangiorgio.crpa.it/media/documents/latteriasangiorgio_www/artico...	Materiali utili

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5/5

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Titolo/Descrizione	Url	Tipologia
Articolo su Informatore Zootecnico 9 - Speciale Nova Agricoltura Fienagione	http://latteriasangiorgio.crpa.it/media/documents/latteriasangiorgio_www/artico...	Materiali utili
Informatore Zootecnico n. 64/2017	http://latteriasangiorgio.crpa.it/media/documents/latteriasangiorgio_www/artico...	Materiali utili
Articolo su Informatore Agrario n. 27-28 2018	http://latteriasangiorgio.crpa.it/media/documents/latteriasangiorgio_www/artico...	Materiali utili